

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	5731	((118/715) or (156/345.33,345.34)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/15 13:19
L2	815	L1 and (showerhead or (shower head) or (gas adj (distribut\$4 or diffus\$4 or dispens\$4 or dispers\$4) adj plate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/06/15 13:19
L3	364	((bor\$3 or drill\$3) same (seal\$3 or plug\$4 or cap\$4)) same (showerhead or (shower head) or (gas adj (distribut\$4 or diffus\$4 or dispens\$4 or dispers\$4) adj plate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/06/15 13:19
L4	53	(L2 or L3) and (@pd>="20050621") and (@rlad<="20030722" or @ad<="20030722")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/06/15 13:19
L5	50	((bor\$3 or drill\$3) same (seal\$3 or plug\$4 or cap\$4)) same (showerhead or (shower head) or (gas adj (distribut\$4 or diffus\$4 or dispens\$4 or dispers\$4) adj plate)) same (linear or radial)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/06/15 13:19
L6	59	((bor\$3 or drill\$3) same (seal\$3 or plug\$4 or cap\$4)) same (showerhead or (shower head) or (gas adj (distribut\$4 or diffus\$4 or dispens\$4 or dispers\$4) adj plate)) and (wafer or substrate or semiconductor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/06/15 13:19
L7	174	((bor\$3 or drill\$3) with (seal\$3 or plug\$4 or cap\$4)) and (showerhead or (shower head) or (gas adj (distribut\$4 or diffus\$4 or dispens\$4 or dispers\$4 or supply) adj plate)) and (wafer or substrate or semiconductor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/06/15 13:19

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L8	12	(L5 or L6 or L7) and (@pd>="20050621") and (@rlad<="20030722" or @ad<="20030722")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/06/15 13:19
L9	63	L1 and ((showerhead or (shower head) or (gas adj (distribut\$4 or diffus\$4 or dispens\$4 or dispers\$4) adj plate)) same (partition\$3 or divid\$3)) and (@rlad<="20030722" or @ad<="20030722")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/06/15 13:19
L10	278	((showerhead or (shower head) or (gas adj (distribut\$4 or diffus\$4 or dispens\$4 or dispers\$4) adj plate)) same (partition\$3)) and (@rlad<="20030722" or @ad<="20030722")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/06/15 13:19
L11	265	((showerhead or (shower head) or (gas adj (distribut\$4 or diffus\$4 or dispens\$4 or dispers\$4) adj plate)) same (partition\$3)) and (@rlad<="20030722" or @ad<="20030722") not (L4 or L8 or L9)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/06/15 13:19
L12	5731	((118/715) or (156/345.33,345.34)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/15 13:19
L13	815	L12 and (showerhead or (shower head) or (gas adj (distribut\$4 or diffus\$4 or dispens\$4 or dispers\$4) adj plate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/06/15 13:19
L14	364	((bor\$3 or drill\$3) same (seal\$3 or plug\$4 or cap\$4)) same (showerhead or (shower head) or (gas adj (distribut\$4 or diffus\$4 or dispens\$4 or dispers\$4) adj plate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/06/15 13:19
L15	53	(L13 or L14) and (@pd>="20050621") and (@rlad<="20030722" or @ad<="20030722")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/06/15 13:19

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L16	50	((bor\$3 or drill\$3) same (seal\$3 or plug\$4 or cap\$4)) same (showerhead or (shower head) or (gas adj (distribut\$4 or diffus\$4 or dispens\$4 or dispers\$4) adj plate)) same (linear or radial)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/06/15 13:19
L17	59	((bor\$3 or drill\$3) same (seal\$3 or plug\$4 or cap\$4)) same (showerhead or (shower head) or (gas adj (distribut\$4 or diffus\$4 or dispens\$4 or dispers\$4) adj plate)) and (wafer or substrate or semiconductor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/06/15 13:19
L18	174	((bor\$3 or drill\$3) with (seal\$3 or plug\$4 or cap\$4)) and (showerhead or (shower head) or (gas adj (distribut\$4 or diffus\$4 or dispens\$4 or dispers\$4 or supply) adj plate)) and (wafer or substrate or semiconductor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/06/15 13:19
L19	12	(L16 or L17 or L18) and (@pd>="20050621") and (@rlad<="20030722" or @ad<="20030722")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/06/15 13:19
L20	63	L12 and ((showerhead or (shower head) or (gas adj (distribut\$4 or diffus\$4 or dispens\$4 or dispers\$4) adj plate)) same (partition\$3 or divid\$3)) and (@rlad<="20030722" or @ad<="20030722")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/06/15 13:19
L21	65	((showerhead or (shower head) or (gas adj (distribut\$4 or diffus\$4 or dispens\$4 or dispers\$4) adj plate)) same (partition\$3)) and (@rlad<="20030722" or @ad<="20030722") and (substrate or wafer or workpiece or (work piece)) not (L15 or L19 or L20)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/06/15 13:19
L22	39	((showerhead or (shower head) or (gas adj (distribut\$4 or diffus\$4 or dispens\$4 or dispers\$4) adj plate)) same (partition\$3)) and (@rlad<="20030722" or @ad<="20030722") and (coat\$3 or etch\$3 or clean\$3) not (L15 or L19 or L20 or L21)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/06/15 13:19

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L23	192	((showerhead or (shower head) or (gas adj (distribut\$4 or diffus\$4 or dispens\$4 or dispers\$4) adj plate)) same (divi\$3 or partition\$3)) and (@rlad<="20030722" or @ad<="20030722")	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/06/15 13:19
L24	540	((showerhead or (shower head) or (gas adj (distribut\$4 or diffus\$4 or dispens\$4 or dispers\$4) adj plate)) same (diffus\$3 or groove or disk)) and (@rlad<="20030722" or @ad<="20030722")	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/06/15 13:19
L25	1398	((showerhead or (shower head) or (gas adj (distribut\$4 or diffus\$4 or dispens\$4 or dispers\$4) adj plate)) same (diffus\$3 or groove or disk)) and (@rlad<="20030722" or @ad<="20030722")	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/06/15 13:19
L26	60	(L13 or L14 or L19 or L8 or L9 or L10 or L11 or L23 or L21 or L22 or L24 or L25) and (@pd>="20060104") and (@rlad<="20030722" or @ad<="20030722")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/06/15 13:26
L27	203	((showerhead or (shower head) or (gas adj (distribut\$4 or diffus\$4 or dispens\$4 or dispers\$4) adj plate)) and (diffus\$3 and groove and disk)) and (@rlad<="20030722" or @ad<="20030722")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/06/15 15:53
L28	2	((Yoshihiro Kato) or (Tadashi Goto) or (Hikaru Yoshitaka) or (Makoto Aoki)).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/06/15 15:53
L29	1312	((Yoshihiro Kato) or (Tadashi Goto) or (Hikaru Yoshitaka) or (Makoto Aoki)).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/06/15 15:53
L30	2	29 and (showerhead or (shower head) or (gas adj (distribut\$4 or diffus\$4 or dispens\$4 or dispers\$4) adj plate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/06/15 16:03

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L31	2	29 and chamber and diffus\$4 and parallel and gas hole and plate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/06/15 16:06
S1	5324	((118/715) or (156/345.33,345.34)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/21 13:04
S2	679	S1 and (showerhead or (shower head) or (gas adj (distribut\$4 or diffus\$4 or dispens\$4 or dispers\$4) adj plate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/06/21 16:27
S3	1109	((bor\$3 or drill\$3) same (seal\$3 or plug\$4 or cap\$4)) and (showerhead or (shower head) or (gas adj (distribut\$4 or diffus\$4 or dispens\$4 or dispers\$4) adj plate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/06/21 16:32
S4	354	((bor\$3 or drill\$3) same (seal\$3 or plug\$4 or cap\$4)) same (showerhead or (shower head) or (gas adj (distribut\$4 or diffus\$4 or dispens\$4 or dispers\$4) adj plate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/01/03 20:01
S5	50	((bor\$3 or drill\$3) same (seal\$3 or plug\$4 or cap\$4)) same (showerhead or (shower head) or (gas adj (distribut\$4 or diffus\$4 or dispens\$4 or dispers\$4) adj plate)) same (linear or radial)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/06/21 16:35
S6	53	((bor\$3 or drill\$3) same (seal\$3 or plug\$4 or cap\$4)) same (showerhead or (shower head) or (gas adj (distribut\$4 or diffus\$4 or dispens\$4 or dispers\$4) adj plate)) and (wafer or substrate or semiconductor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/06/21 16:57
S7	160	((bor\$3 or drill\$3) with (seal\$3 or plug\$4 or cap\$4)) and (showerhead or (shower head) or (gas adj (distribut\$4 or diffus\$4 or dispens\$4 or dispers\$4 or supply) adj plate)) and (wafer or substrate or semiconductor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/06/21 17:00

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S8	135	S7 not (S5 or S6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/06/21 17:01
S9	219	lund-j\$.xa.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2005/06/21 17:33
S10	2	("4590042").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/03 19:54
S11	5532	((118/715) or (156/345.33,345.34)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/03 20:05
S12	752	S11 and (showerhead or (shower head) or (gas adj (distribut\$4 or diffus\$4 or dispens\$4 or dispers\$4) adj plate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/01/03 21:16
S13	357	((bor\$3 or drill\$3) same (seal\$3 or plug\$4 or cap\$4)) same (showerhead or (shower head) or (gas adj (distribut\$4 or diffus\$4 or dispens\$4 or dispers\$4) adj plate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/01/03 20:05
S14	31	(S12 or S13) and (@pd>="20050621") and (@rlad<="20030722" or @ad<="20030722")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/01/03 21:00
S15	50	((bor\$3 or drill\$3) same (seal\$3 or plug\$4 or cap\$4)) same (showerhead or (shower head) or (gas adj (distribut\$4 or diffus\$4 or dispens\$4 or dispers\$4) adj plate)) same (linear or radial)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/01/03 21:01

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S16	55	((bor\$3 or drill\$3) same (seal\$3 or plug\$4 or cap\$4)) same (showerhead or (shower head) or (gas adj (distribut\$4 or diffus\$4 or dispens\$4 or dispers\$4) adj plate)) and (wafer or substrate or semiconductor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/01/03 21:01
S17	168	((bor\$3 or drill\$3) with (seal\$3 or plug\$4 or cap\$4)) and (showerhead or (shower head) or (gas adj (distribut\$4 or diffus\$4 or dispens\$4 or dispers\$4 or supply) adj plate)) and (wafer or substrate or semiconductor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/01/03 21:01
S18	8	(S15 or S16 or S17) and (@pd>="20050621") and (@rlad<="20030722" or @ad<="20030722")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/01/03 21:02
S19	62	S11 and ((showerhead or (shower head) or (gas adj (distribut\$4 or diffus\$4 or dispens\$4 or dispers\$4) adj plate)) same (partition\$3 or divid\$3)) and (@rlad<="20030722" or @ad<="20030722")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/01/03 22:15
S20	274	((showerhead or (shower head) or (gas adj (distribut\$4 or diffus\$4 or dispens\$4 or dispers\$4) adj plate)) same (partition\$3)) and (@rlad<="20030722" or @ad<="20030722")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/01/03 22:16
S21	261	((showerhead or (shower head) or (gas adj (distribut\$4 or diffus\$4 or dispens\$4 or dispers\$4) adj plate)) same (partition\$3)) and (@rlad<="20030722" or @ad<="20030722") not (S14 or S18 or S19)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/01/03 22:18
S22	5532	((118/715) or (156/345.33,345.34)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/04 09:41
S23	752	S22 and (showerhead or (shower head) or (gas adj (distribut\$4 or diffus\$4 or dispens\$4 or dispers\$4) adj plate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/01/04 09:41

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S24	357	((bor\$3 or drill\$3) same (seal\$3 or plug\$4 or cap\$4)) same (showerhead or (shower head) or (gas adj (distribut\$4 or diffus\$4 or dispens\$4 or dispers\$4) adj plate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/01/04 09:41
S25	31	(S23 or S24) and (@pd>="20050621") and (@rlad<="20030722" or @ad<="20030722")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/06/15 13:15
S26	50	((bor\$3 or drill\$3) same (seal\$3 or plug\$4 or cap\$4)) same (showerhead or (shower head) or (gas adj (distribut\$4 or diffus\$4 or dispens\$4 or dispers\$4) adj plate)) same (linear or radial)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/01/04 09:41
S27	55	((bor\$3 or drill\$3) same (seal\$3 or plug\$4 or cap\$4)) same (showerhead or (shower head) or (gas adj (distribut\$4 or diffus\$4 or dispens\$4 or dispers\$4) adj plate)) and (wafer or substrate or semiconductor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/01/04 09:41
S28	168	((bor\$3 or drill\$3) with (seal\$3 or plug\$4 or cap\$4)) and (showerhead or (shower head) or (gas adj (distribut\$4 or diffus\$4 or dispens\$4 or dispers\$4 or supply) adj plate)) and (wafer or substrate or semiconductor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/01/04 09:41
S29	8	(S26 or S27 or S28) and (@pd>="20050621") and (@rlad<="20030722" or @ad<="20030722")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/01/04 09:41
S30	62	S22 and ((showerhead or (shower head) or (gas adj (distribut\$4 or diffus\$4 or dispens\$4 or dispers\$4) adj plate)) same (partition\$3 or divid\$3)) and (@rlad<="20030722" or @ad<="20030722")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/01/04 09:41

EAST Search History

S31	63	((showerhead or (shower head) or (gas adj (distribut\$4 or diffus\$4 or dispens\$4 or dispers\$4) adj plate)) same (partition\$3)) and (@rlad<="20030722" or @ad<="20030722") and (substrate or wafer or workpiece or (work piece)) not (S25 or S29 or S30)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/01/04 11:07
S32	38	((showerhead or (shower head) or (gas adj (distribut\$4 or diffus\$4 or dispens\$4 or dispers\$4) adj plate)) same (partition\$3)) and (@rlad<="20030722" or @ad<="20030722") and (coat\$3 or etch\$3 or clean\$3) not (S25 or S29 or S30 or S31)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/01/04 12:08
S33	147	((showerhead or (shower head) or (gas adj (distribut\$4 or diffus\$4 or dispens\$4 or dispers\$4) adj plate)) same (divi\$4)) and (@rlad<="20030722" or @ad<="20030722") and (substrate or wafer or workpiece or (work piece)) not (S25 or S29 or S30)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/01/04 11:09
S34	123	((showerhead or (shower head) or (gas adj (distribut\$4 or diffus\$4 or dispens\$4 or dispers\$4) adj plate)) same (divi\$4)) and (@rlad<="20030722" or @ad<="20030722") and (substrate or wafer or workpiece or (work piece)) not (S25 or S29 or S30 or S31 or S32)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/01/04 11:10
S35	81	((showerhead or (shower head) or (gas adj (distribut\$4 or diffus\$4 or dispens\$4 or dispers\$4) adj plate)) same (divi\$3)) and (@rlad<="20030722" or @ad<="20030722") and (coat\$3 or etch\$3 or clean\$3) not (S25 or S29 or S30 or S31 or S32 or S34)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/01/04 12:27
S36	192	((showerhead or (shower head) or (gas adj (distribut\$4 or diffus\$4 or dispens\$4 or dispers\$4) adj plate)) same (divi\$3 or partition\$3)) and (@rlad<="20030722" or @ad<="20030722")	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/01/04 13:52
S37	918538	c23c016\$ or h01l021\$	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/01/04 12:30

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S38	32	S37 and S36	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/01/04 12:30
S39	0	(S37 and ((showerhead or (shower head) or (gas adj (distribut\$4 or diffus\$4 or dispens\$4 or dispers\$4) adj plate)) same (divi\$3 or partition\$3)) and (@pd<="20030722") not S38	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/01/04 12:47
S40	3	(S37 and ((showerhead or (shower head) or (gas adj (distribut\$4 or diffus\$4 or dispens\$4 or dispers\$4) adj plate)) same (divi\$3 or partition\$3))) not S38	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/01/04 12:54
S41	1202	(S37 and (showerhead or (shower head) or (gas adj (distribut\$4 or diffus\$4 or dispens\$4 or dispers\$4) adj plate))) not S38	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/01/04 12:55
S42	154	S41 and diffus\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/01/04 13:32
S43	38	(S41 and (groove or disk)) not S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/01/04 13:34
S44	539	((showerhead or (shower head) or (gas adj (distribut\$4 or diffus\$4 or dispens\$4 or dispers\$4) adj plate)) same (diffus\$3 or groove or disk)) and (@rlad<="20030722" or @ad<="20030722")	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/01/04 14:00
S45	535	((showerhead or (shower head) or (gas adj (distribut\$4 or diffus\$4 or dispens\$4 or dispers\$4) adj plate)) same (diffus\$3 or groove or disk)) and (@rlad<="20030722" or @ad<="20030722") not (S25 or S29 or S30 or S31 or S32 or S34)	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/01/04 13:56
S46	157	S45 and (coat\$3 or etch\$3 or clean\$3 or wafer or substrate or workpiece or (work piece))	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/01/04 14:04
S47	43	S46 not (S38 or S40 or S42 or S43)	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/01/04 13:59

EAST Search History

S48	1372	((showerhead or (shower head) or (gas adj (distribut\$4 or diffus\$4 or dispens\$4 or dispers\$4) adj plate)) same (diffus\$3 or groove or disk)) and (@rlad<="20030722" or @ad<="20030722")	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/06/15 15:02
S49	0	S48 and (coat\$3 or etch\$3 or clean\$3 or wafer or substrate or workpiece or (work piece))	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/01/04 14:07
S50	1039	S48 and (coat\$3 or etch\$3 or clean\$3 or wafer or substrate or workpiece or (work piece))	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/04 14:35
S51	700	S50 not (S23 or S24 or S26 or S27 or S28 or S30 or S31 or S32 or S34 or S35)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/01/04 14:41